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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/071,493	02/06/2002	Yoshiharu Dewa	7217/66541	1862

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EXAMINER

BLACKMAN, ANTHONY J

ART UNIT	PAPER NUMBER
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2676

DATE MAILED: 09/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/071,493

**Applicant(s)**

DEWA ET AL.

**Examiner**

ANTHONY J BLACKMAN

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 6 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 25 June 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-13 and 15-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 and 15-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Specification***

1. Examiner acknowledges applicant changing the title of the application

### ***Response to Arguments***

2. Examiner agrees with applicant that the view of HOPCROFT et al, US Patent No. 6,154,215 is not “dynamically generated based on a history of views previously selected by a user” (page 10 of REMARKS). NOTESS, US Patent No 5,251,152-the STORAGE AND DISPLAY OF HISTORICAL LAN TRAFFIC STATISTICS reads upon the amended feature due to a history file and a historical data display (figure 1, element 102-the management node receiving data from a Remote Node 100, including a history file 114 and historical data display 116, figure 3, elements 310 –Disk History File and 314-Memory and Graphics Display 308, and figures 9, 11 and 13 show dynamic updating of the history file from the Management Node 102, however, does not expressly teach “generating a tree structure information of said node and view...” from claim 5 and 15. STARR, US Patent Application Publication, Pub. No. US 2002/0065818 ( with a priority date of August 23, 2000), discloses section 0029, describing “a web

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page 30 with suitable label and identifying data" with a plurality of nodes, eg., nodes 34, that allow the user to either add, edit or display clinical history data.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-13 and 15

are rejected under 35 U.S.C. 102(b) as being anticipated by STARR, US Patent Application Publication, Pub. No. US 2002/0065818.

5. As per claim 1, examiner interprets STARR to disclose;

A display controlling method based on a program code including a view and a node (section 0011 and 0029), said method comprising the steps of: selecting a view (section 0029) ; and displaying on a display screen (section 0029) , an image corresponding to a node specified by said selected view in a drawing style specified by said view (section 0029), wherein a node includes a data group indicating a static attribute of one of (the following underlined conditional features: a link to referential data (section 0029) and actual referential data (section 0029), and includes a constitutive unit of a drawing, (section 0029)) and a view includes a group of data for

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specifying that said node generates said drawing in a drawing style displayed on said display screen corresponding to said node (section 0029) wherein said view is dynamically generated based on a history of views previously selected by a user (section 0029).

5. As per claim 2, STARR meet limitations of claim 1, and also discloses the further comprising the step of determining a subsequent view to be selected according to an operation performed according to said display screen (section 0029).

6. As per claim 3, STARR meet limitations according to claim 1, further comprising the step of generating another view in accordance with an operation history (section 0029).

7. As per claim 4, STARR meet limitations according to claim 3, further comprising the step of selecting and displaying said other view (section 0029).

8. As per claim 5, STARR meet limitations according to claim 1, further comprising the steps of: analyzing said program (sections 0029 and 0037 ); generating a tree structure information of said node and said view (sections 0029 and 0030); and based on said tree structure (section 0029), selecting said view (section 0029), carrying out processing for said displaying operation (sections 0029-0030), and determining another view to be selected (sections 0029-0030).

9. As per claim 6, STARR meets limitations of claim 1 including, wherein said referential data comprises one (the underlined features) of an image data (sections 0029-0030), an audio data, and a track data stored in a communication apparatus connected to a network.

10. As per claim 7, STARR meet limitations according to claim 1, wherein said node further indicates an attribute of said referential data (sections 0029-0030).

11. As per claim 8, STARR meet limitations according to claim 1, wherein said program code further includes a data group indicating inter-relationships between said plurality of nodes (section 0029).

12. As per claim 9, STARR meet limitations according to claim 1, wherein said program code further includes a data group indicating a mode of transition of said views (sections 0029-0030).

13. As per claim 10, examiner interprets STARR to disclose a program comprising the steps of:  
selecting a view ( sections 0029-0030);  
and displaying an image corresponding to a node specified by said selected view in a drawing style specified by said view (sections 0029-0030);

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wherein a node includes a data group indicating a static attribute (section 0029) of one of a link to (both of the following underlined features) referential data and actual referential data (section 0029 discloses Menu Tree 33 with nodes that add, edit or display), and includes a constitutive unit of a drawing (sections 0029-0030) and a view includes a group of data for specifying that said node generates said drawing in a drawing style displayed on said display screen corresponding to said node (sections 0029-0030) wherein said view is dynamically generated based on a history of views previously selected by a user (section 0029).

14. As per claim 11, STARR meets limitations of claim 10, further comprising the step of determining a subsequent view to be selected according to an operation carried out by a user in accordance with said display (section 0029).

15 As per claim 12, STARR meets limitations of claim 10, further comprising the step of generating another view in accordance with an operation history of said user (sections 0029-0030).

16 As per claim 13, STARR meets limitations of claim 12, further comprising the step of selecting and displaying said other view (sections 0029-0030).

17. As per claim 15, examiner interprets STARR to meet limitations of claim 15; A display controlling apparatus (sections 0029-0030) comprising:

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a memory unit for storing a program including a plurality of nodes each serving as a data group indicating a static attribute of one of a link to referential data and actual referential data and each serving as a constitutive unit of a drawing (the following underlined feature corresponds to the computer modeling and visual displaying means (the following underlined conditional features are met by section 0029)

a link to referential data and actual referential data, and includes a constitutive unit of a drawing, and a plurality of views each serving as a data group for specifying that said node carries out said drawing in a drawing style on a screen of the node (section 0029-0030); a program analyzer for analyzing said program and generating a tree structure information of said node and said view (sections 0029 and 0037)

a view selecting means for selecting a view based on said tree structure information and a display operation (sections 0029-0030);

a display controller for controlling display so that an image corresponding to said node specified by said selected view is displayed under said drawing style specified by said selected view (sections 0029-0030), based on said tree structure information (sections 0029-0030);

and a view generator for generating another view based on an operation history wherein said view is dynamically generated based on a history of views previously selected by a user (sections 0029-0030).

### ***Claim Rejections - 35 USC § 103***

18. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:



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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

19. Claims 16-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over STARR, US Patent Application Publication, Pub. No. US 2002/0065818 in view of TANAKA et al, US Patent Application Publication, Pub. No. US 20030126221

20. As per claim 16, examiner interprets STARR to disclose a display controlling method comprising the steps of: selecting a view (sections 0029-0030) and displaying an image corresponding to a node specified by said selected view in a drawing style specified by said selected view (sections 0029-0030), wherein said Steps are performed based on a program/menu 31 and menu tree 37, however, does not expressly teach the following claim features and limitations corresponding to the relation between nodes and electronic apparatuses, although nodes of STARR correspond to the GUI display features. A plurality of said nodes each serving as a data group indicating one of a static attribute of a link to referential data and actual referential data for displaying one of (the following conditional underlined features are met by sections 0029-0030 an image for operation of a plurality of nodes and an image for showing status of said nodes, and each of said nodes serving as a constitutive unit of a drawing (sections 0029-0030); and a plurality of said views each serving as a data group for specifying wherein said node performing said drawing in a drawing style corresponding to said node (sections 0029-0030) wherein said view is dynamically generated based on a history of views previously selected by a user (sections 0029-

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0030). TANAKA et al suggests management, control and monitoring of nodes with electronic apparatuses as claimed above (section 0131).

It would have been obvious to one skilled in the art at the time of the invention to use the network management system in the evaluation of operability of an apparatus through node operation status request of TANAKA et al to modify the "...electronic records management system customizable to meet ongoing information needs..." of STARR because both inventions are similar technological environments related to managing and monitoring both networked apparatus and applications providing users greater ease of control in management of network records.

19. As per claim 17, STARR as modified meet limitations of claim 16, however, STARR discloses selection of specified views (sections 0029-0030), however, does not disclose the further comprising: said view specifying nodes corresponding to said plurality of electronic apparatuses; and displaying on a screen one of an image for operation and an image showing status of said plurality of electronic apparatuses corresponding to said plurality of nodes specified by said selected view. TANAKA et al suggest said view specifying nodes corresponding to said plurality of electronic apparatuses (section 0131). It would have been obvious to apply a plurality of nodes to a plurality of apparatuses); and displaying on a screen one of an image for operation (section 0131) and an image showing status of said plurality of electronic apparatuses corresponding to said plurality of nodes (section 0131) specified by said selected view.

20. As per claim 18, examiner interprets STARR to disclose a display controlling method comprising the steps of: selecting a view (sections 0029-0030) and displaying an image corresponding to a node specified by said selected view in a drawing style specified by said selected view (sections 0029-0030), wherein said Steps are performed based on a program/menu 31 and menu tree 37, however, does not expressly teach the following claim features and limitations corresponding to the relation between nodes and electronic apparatuses, although nodes of STARR correspond to the GUI display features. A plurality of said nodes each serving as a data group indicating one of a static attribute of a link to referential data and actual referential data for displaying one of (the following conditional underlined features are met by sections 0029-0030 an image for operation of a plurality of nodes and an image for showing status of said nodes, and each of said nodes serving as a constitutive unit of a drawing (sections 0029-0030); and a plurality of said views each serving as a data group for specifying wherein said node performing said drawing in a drawing style corresponding to said node (sections 0029-0030) wherein said view is dynamically generated based on a history of views previously selected by a user (sections 0029-0030). TANAKA et al suggests management, control and monitoring of nodes with electronic apparatuses as claimed above (section 0131).

It would have been obvious to one skilled in the art at the time of the invention to use the network management system in the evaluation of operability of an apparatus through node operation status request of TANAKA et al to modify the "...electronic records management system customizable to meet ongoing information needs..." of

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STARR because both inventions are similar technological environments related to managing and monitoring both networked apparatus and applications providing users greater ease of control in management of network records.

21. As per claim 19, STARR as modified meet limitations of claim 18, however, STARR does not disclose the following features of claim 19; further comprising: and displaying on one screen one of an image for operation and an image for showing status of said plurality of electronic apparatuses corresponding to said plurality of nodes specified by said selected view. TANAKA et al suggest further comprising: and displaying on one screen one of an image for operation (section 0131) and an image for showing status of said plurality of electronic apparatuses corresponding to said plurality of nodes specified by said selected view (section 0131). It would have been obvious to one skilled in the art at the time of the invention to use the network management system in the evaluation of operability of an apparatus through node operation status request of TANAKA et al to modify the "...electronic records management system customizable to meet ongoing information needs..." of STARR because both inventions are similar technological environments related to managing and monitoring both networked apparatus and applications providing users greater ease of control in management of network records.

***Conclusion***

22. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. BARRETT et al, US Patent No. 5,727,129 disclose column 10, lines 19-27, discusses the well-known Web-page visitation history and that the content of the displays are the same, only the method of the displays differ (located on column 10, lines 19-27):

FIG. 10 is a simplified illustration of another Local Trail display, showing the same Web page visitation history as that of FIG. 9. In FIG. 10, instead of a tree structure of nodes and links defining the chronological relationship, an indentation scheme is used. The presently displayed Web page is shown, by URL, in the middle of FIG. 10 as the left-most item. Each successive past or future generation is indented a successively great distance to the right. Functionally, FIG. 10 is substantially the same as FIG. 9. SPOTO et al, US Patent No. 5,539,869 disclose editing and evaluating tree functions.

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANTHONY J BLACKMAN whose telephone number is 703-305-0833. The examiner can normally be reached Monday-Friday on FLEX SCHEDULE.

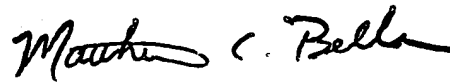
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MATTHEW BELLA can be reached on 703-308-6829. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



ANTHONY J BLACKMAN  
Examiner  
Art Unit 2676

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MATTHEW C. BELLA  
SUPERVISORY PATENT EXAMINER  
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